

## INTEROFFICE MEMORANDUM

**DATE:** June 25, 1975

**TO:** Mr. John Tallant, Construction Engineer  
**FROM:** Veral Pinkerton, Bridge Engineer  
**SUBJECT:** Use of Drop Hammers with Steel Piling

In order to try to establish a more uniform policy as to when a drop hammer may be used for driving of steel piling, the following factors shall establish the position of the Bridge Design Division.

1. Drop hammers shall not be used on piling longer than 35 feet.
2. Drop hammers shall not be used to drive a steel pile through material containing boulders and cobbles. Therefore, the use of a drop hammer will generally be limited to those areas where the piling is driven in embankment placed in accordance with Subsection 202.08 or in sand or clay material, which is overburden for solid rock.
3. Drop hammers shall not be used on tressle type piling where the final length above ground line is greater than 12 feet.

VP:bw

cc: Mr. J. E. Lowder  
Bridge Design - Squads